

# South Carolina is Just Right for Tire Recycling

South Carolina's five scrap tire processors and recyclers process consumer-worn tires, as well as scraps from our four tire manufacturing facilities.



More than 4 million tires are generated for disposal in SC each year.

These tires can be reused in applications such as:

- Tire derived fuel
- Landscaping, mulch, playground applications
- Civil engineering applications
- Ground rubber

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## Recycle Rubber and Help the Economy

South Carolina's tire recycling industry has more than 150 employees involved in the hauling, processing and creation of new products from recycled tires. Great strides have been made in tire recycling in recent years, due to innovative technologies that have created new uses for old tires. Recycled tires can be ground and turned into mulch, playground material, running tracks, asphalt rubber for roadbed material, as well as a fuel source called tire-derived fuel that can be burned at paper mills and power plants.

The Asphalt Rubber Technology Service at Clemson University tests the use of ground rubber in rubberized asphalt and other civil engineering infrastructure applications. Asphalt rubber is currently the largest single market nationwide for recycling tires. Rubberized asphalt uses 500-2000 scrap tires per lane mile.

### Benefits of asphalt rubber to conventional asphalt

- Shorter breaking distances
- Longer lasting road surfaces
- Lower road noise
- Reduced road maintenance

### Green Facts

- Waste tire generation in SC equals approximately 1 tire per person each year.
- Buying recycled rubber products such as mulch, flooring materials, pavers, septic tank drainage and other engineering materials helps expand markets and maintain jobs.
- SC leads the nation in tire manufacturing and exports.
- Tire recycling contributes to the \$13 billion economic impact in SC.

### Tire Recyclers in South Carolina

Viva Upstate – Anderson County

Ridge Recyclers – Edgefield County

Sumter Transport – Sumter County

SC Tire Processing – Aiken County

Argos Cement – Dorchester County

Viva Recycling – Berkeley County



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